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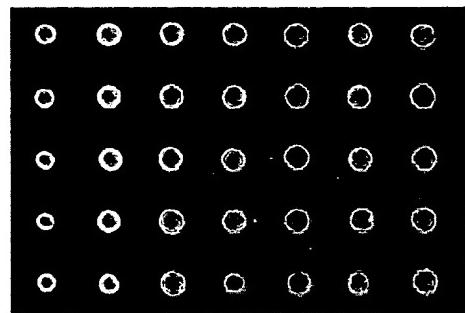
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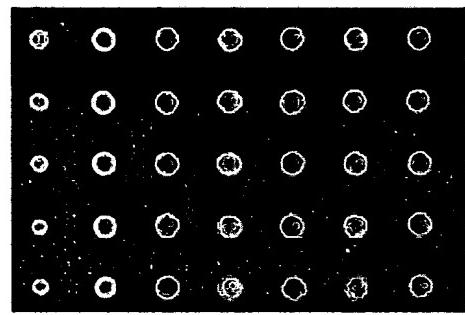
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**FIG. 1**

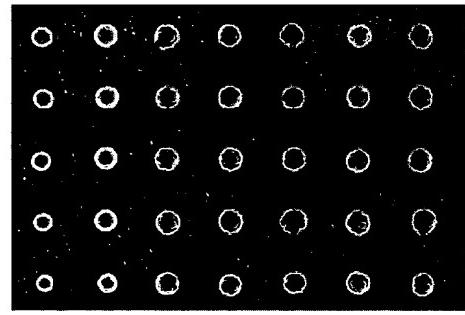
5N009



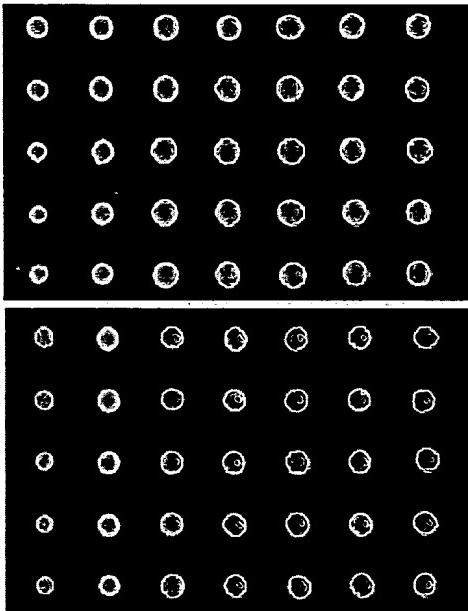
5N041



5N021

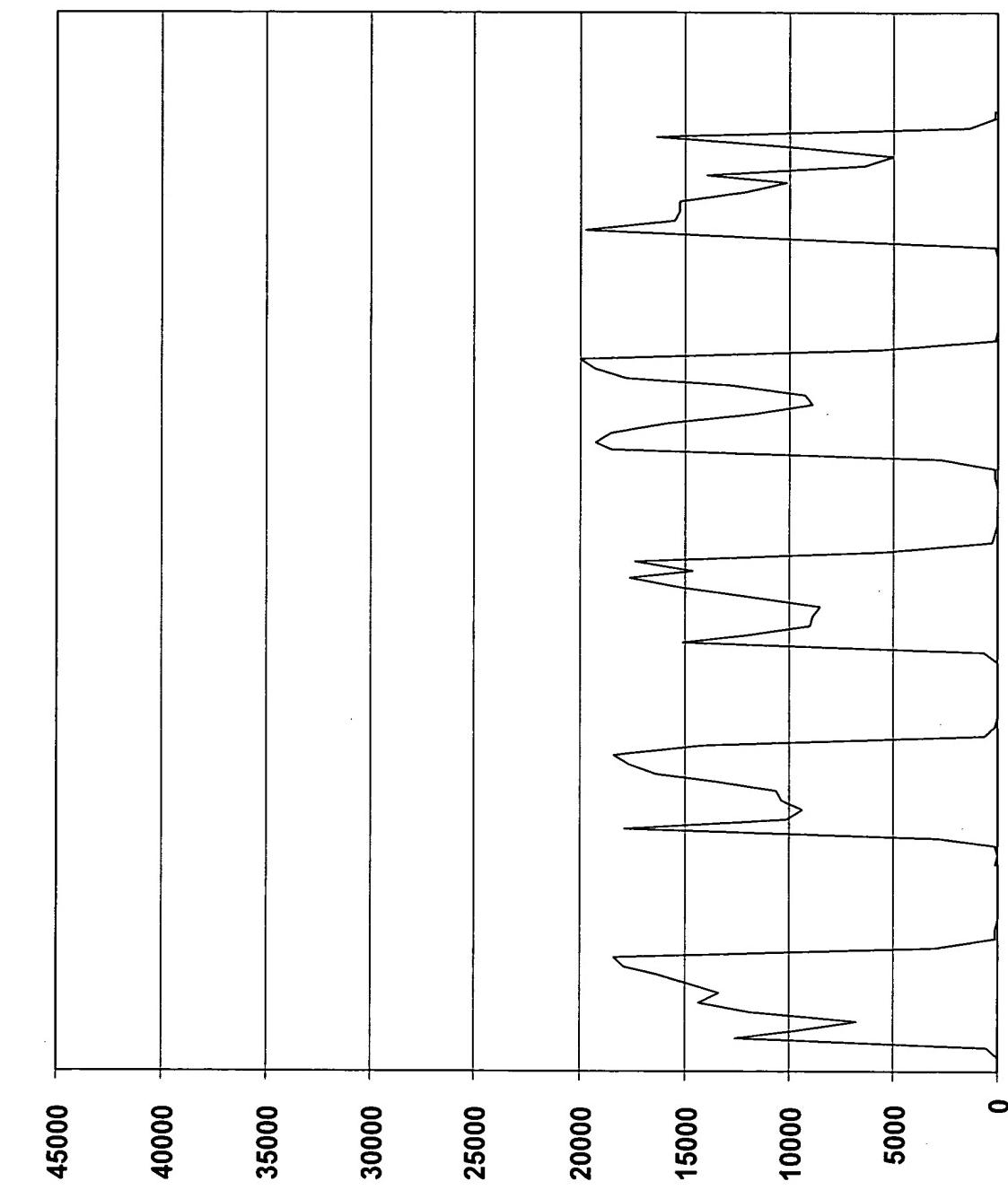


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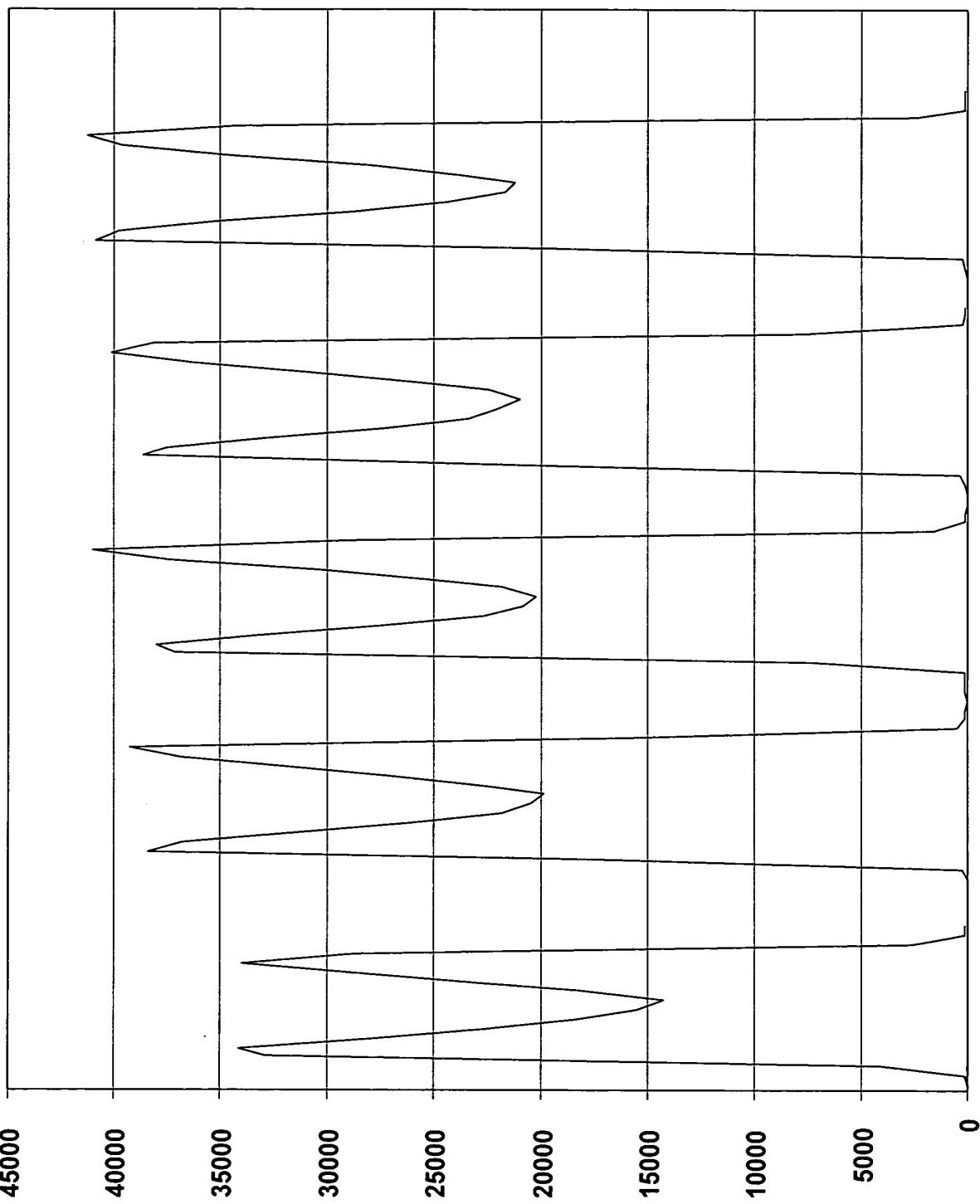


50 mM Phosphate  
50 mM Phosphate + SDS  
200 mM Glu-6-Pi + SDS/Pi  
25 mM Phytate + SDS  
50 mM Phytate + Pi/SDS  
50 mM Phytate + Pi/SDS

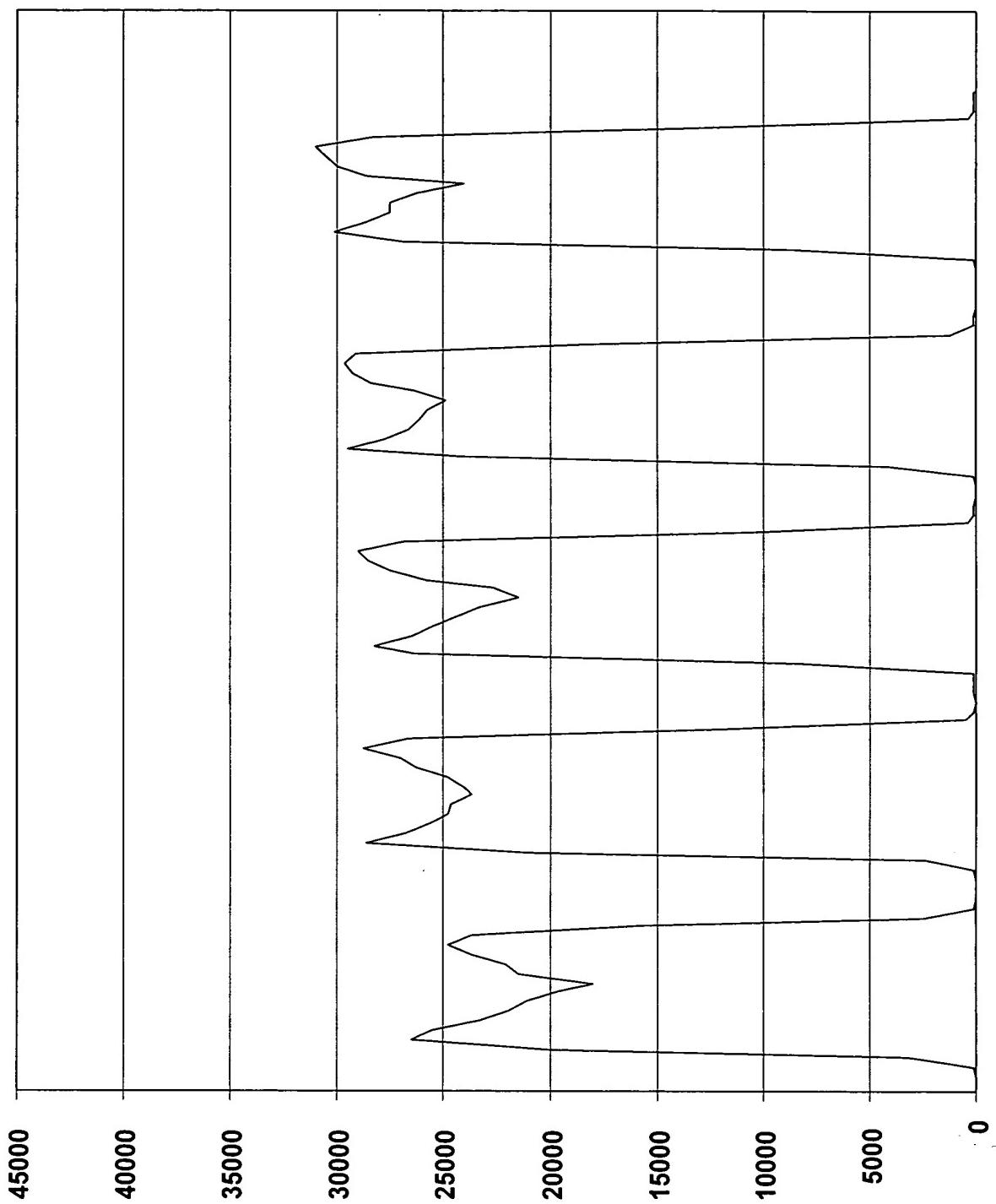
50 mM Phosphate  
50 mM Phosphate + SDS  
200 mM Glu-6-Pi + SDS/Pi  
25 mM Phytate + SDS  
50 mM Phytate + Pi/SDS  
25 mM Phytate + Pi/SDS  
50 mM Phytate + Pi/SDS



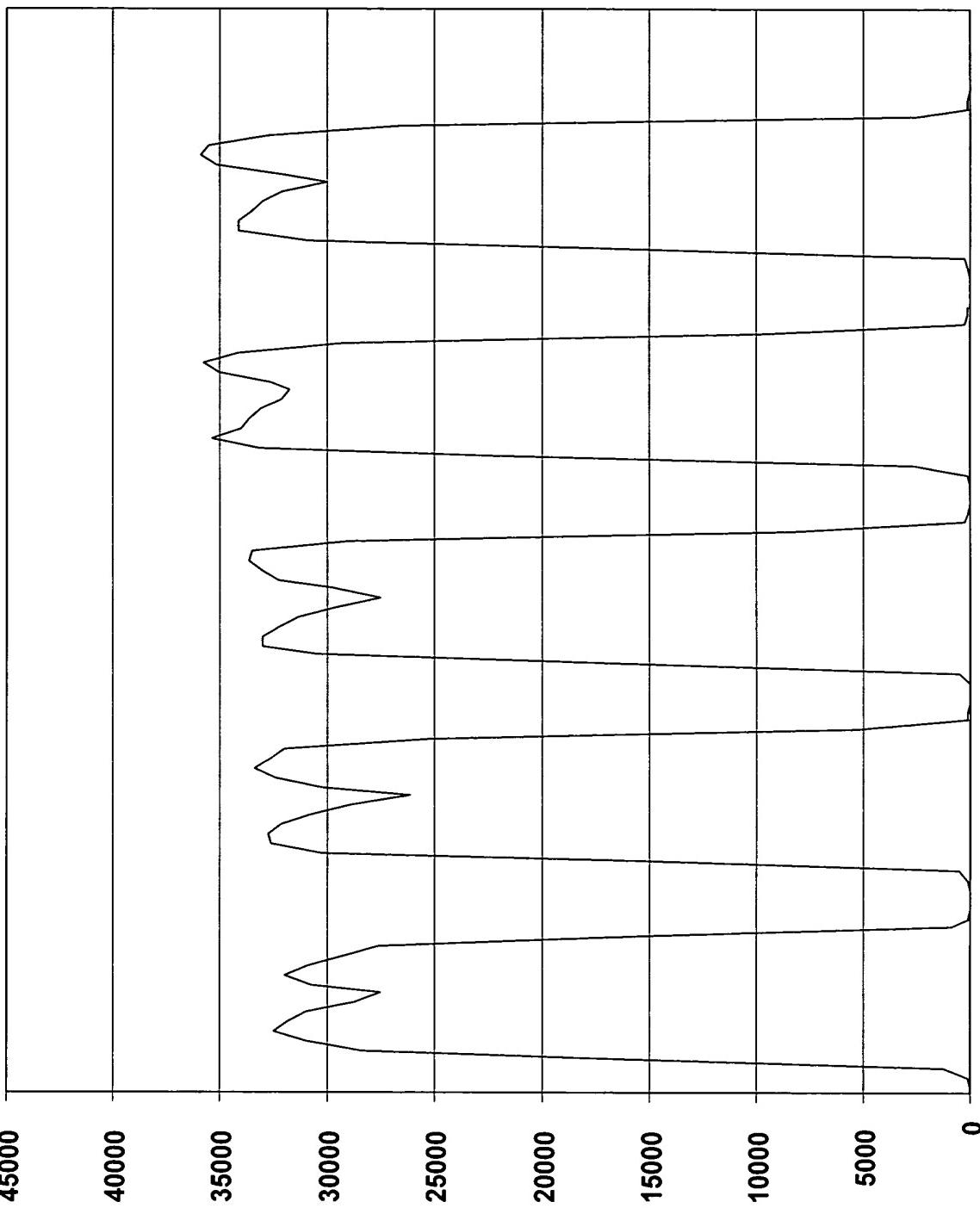
**FIG. 2A**



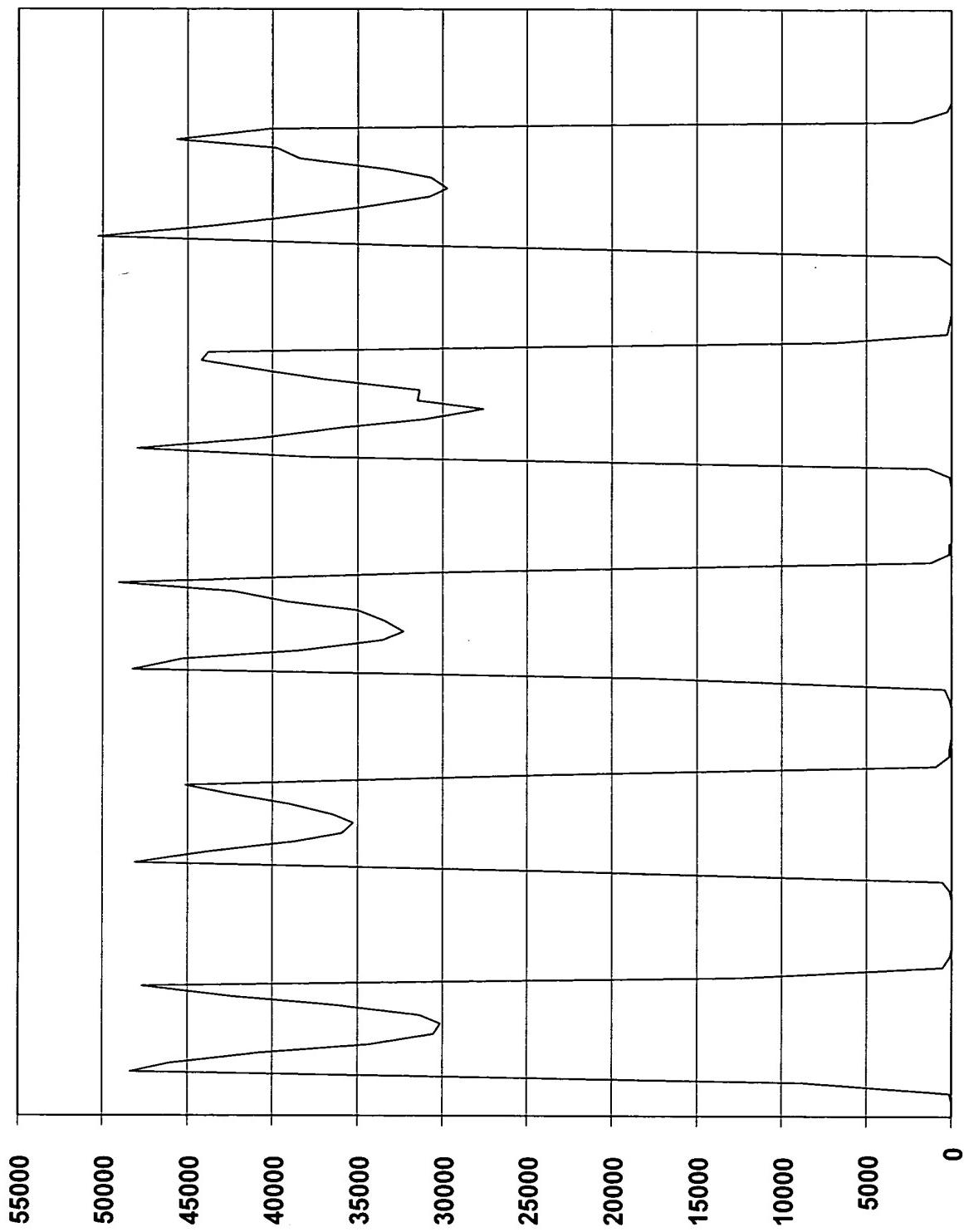
**FIG. 2B**



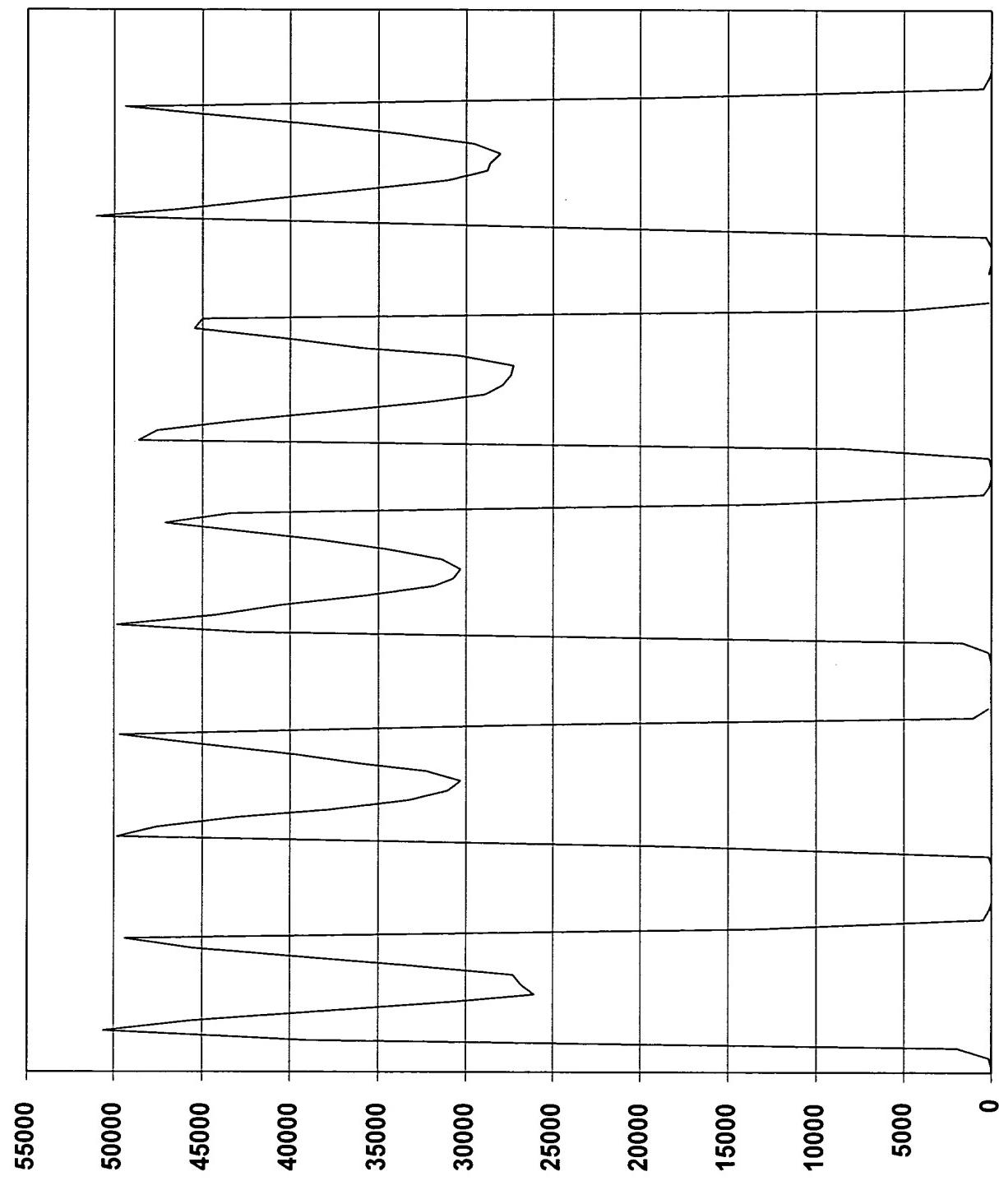
**FIG. 2C**



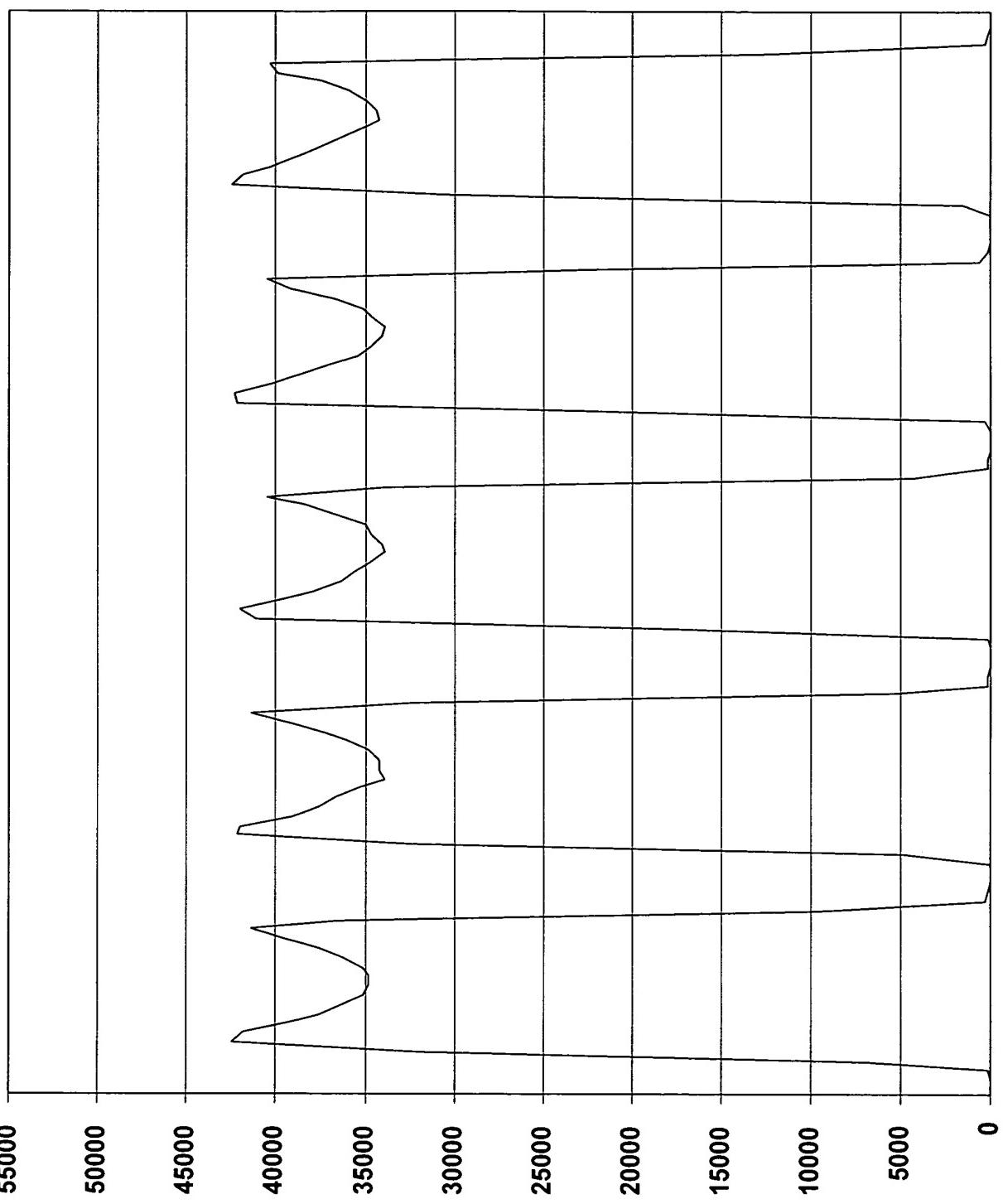
**FIG. 2D**



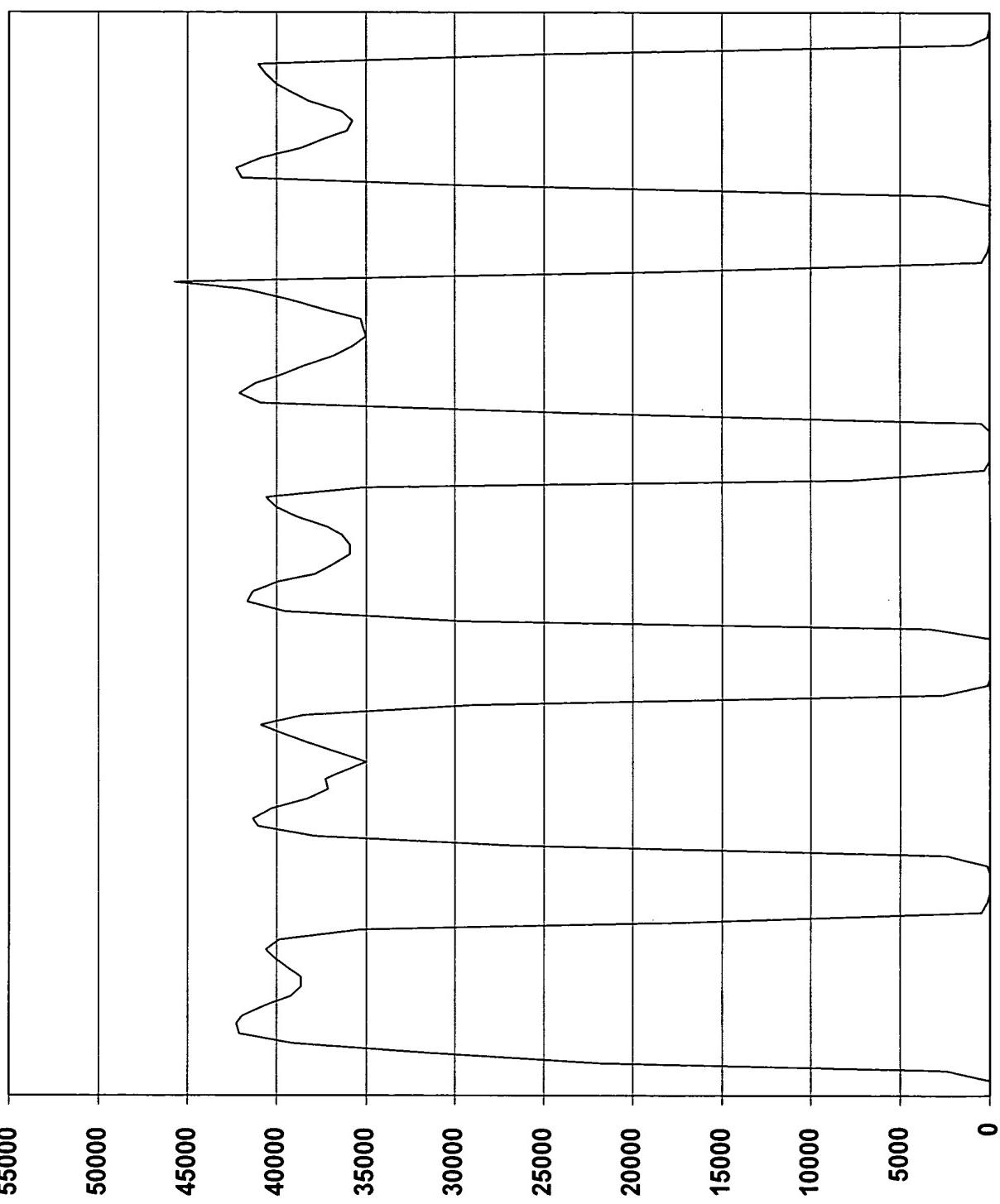
**FIG. 3A**



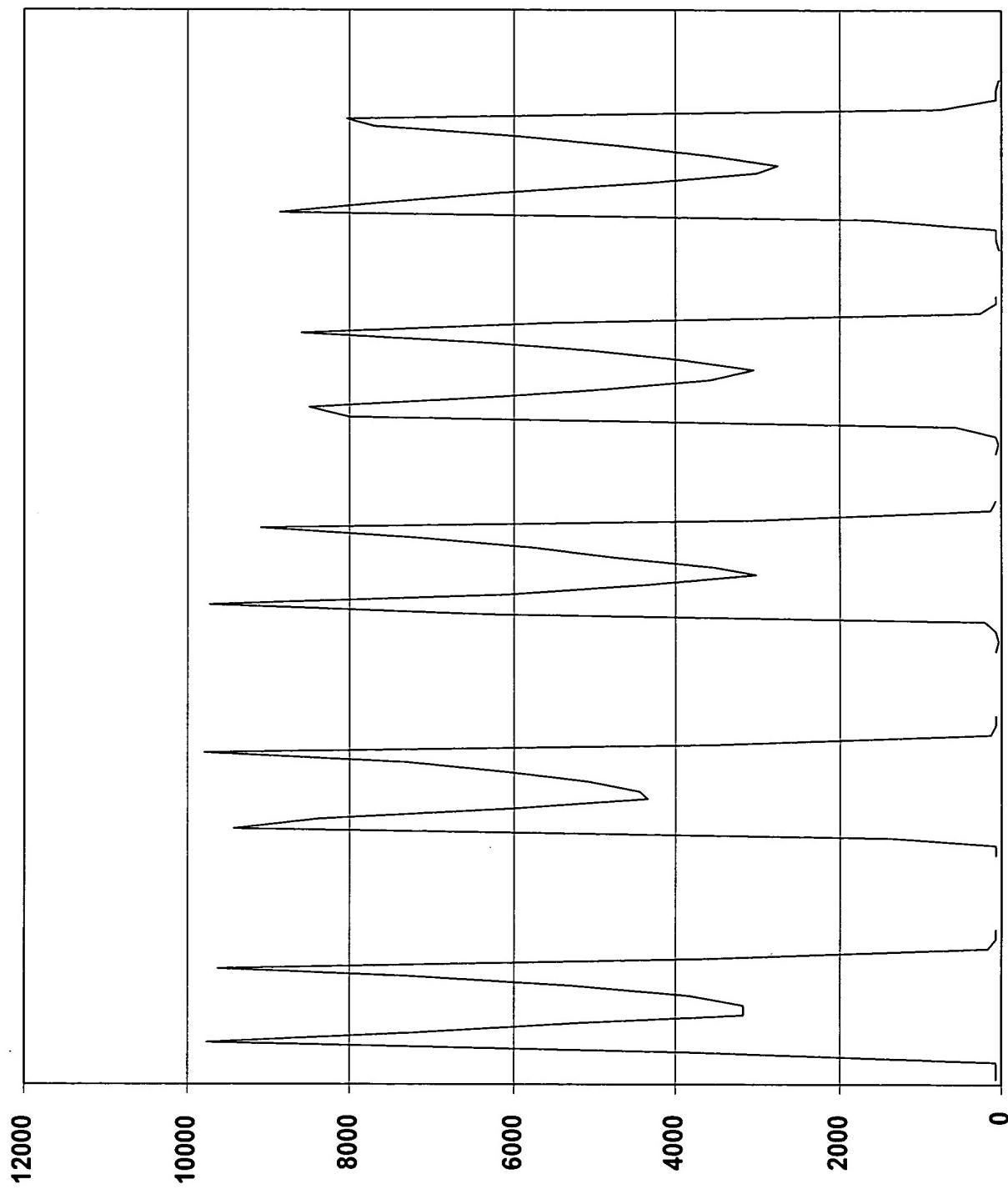
**FIG. 3B**



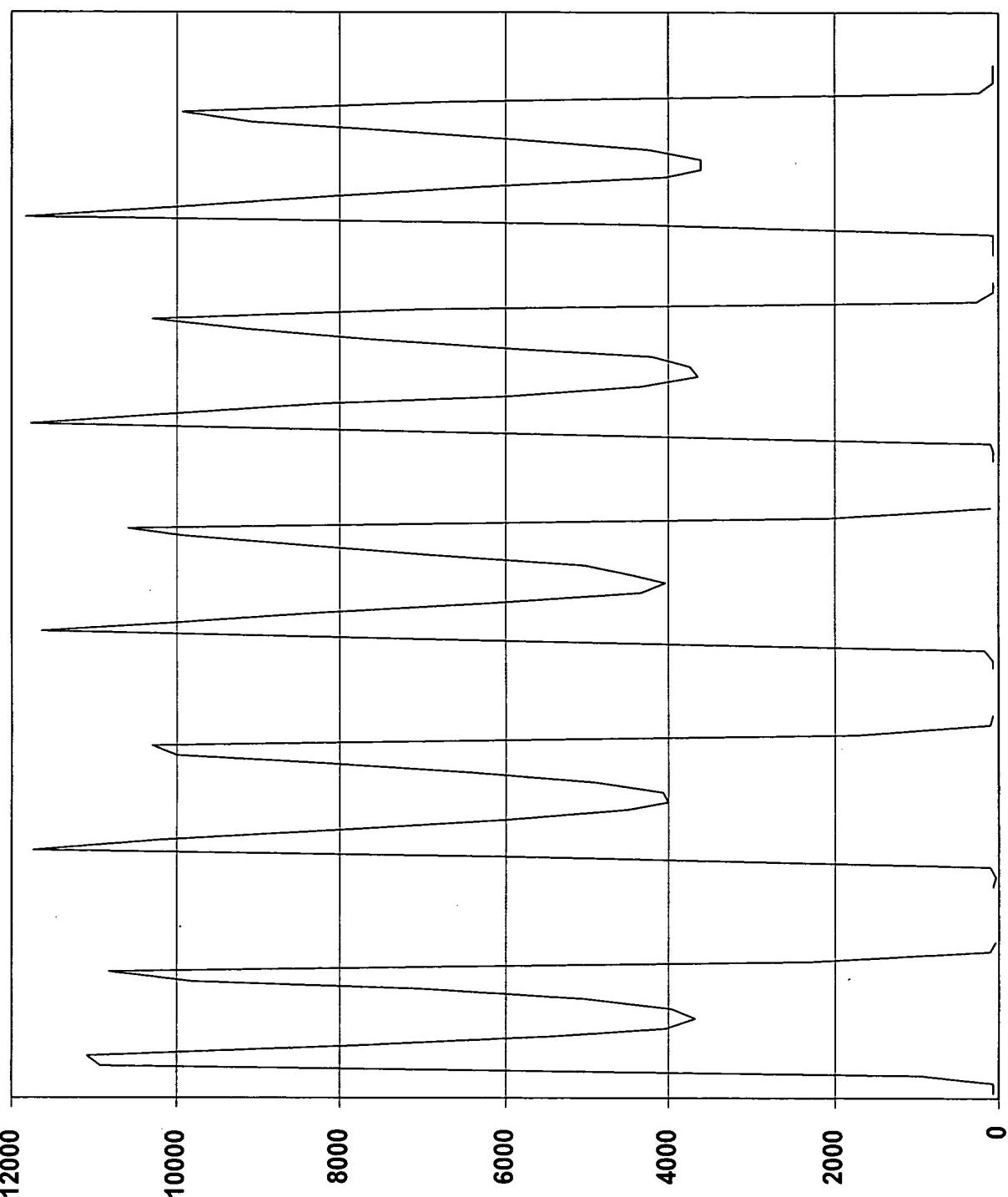
**FIG. 3C**



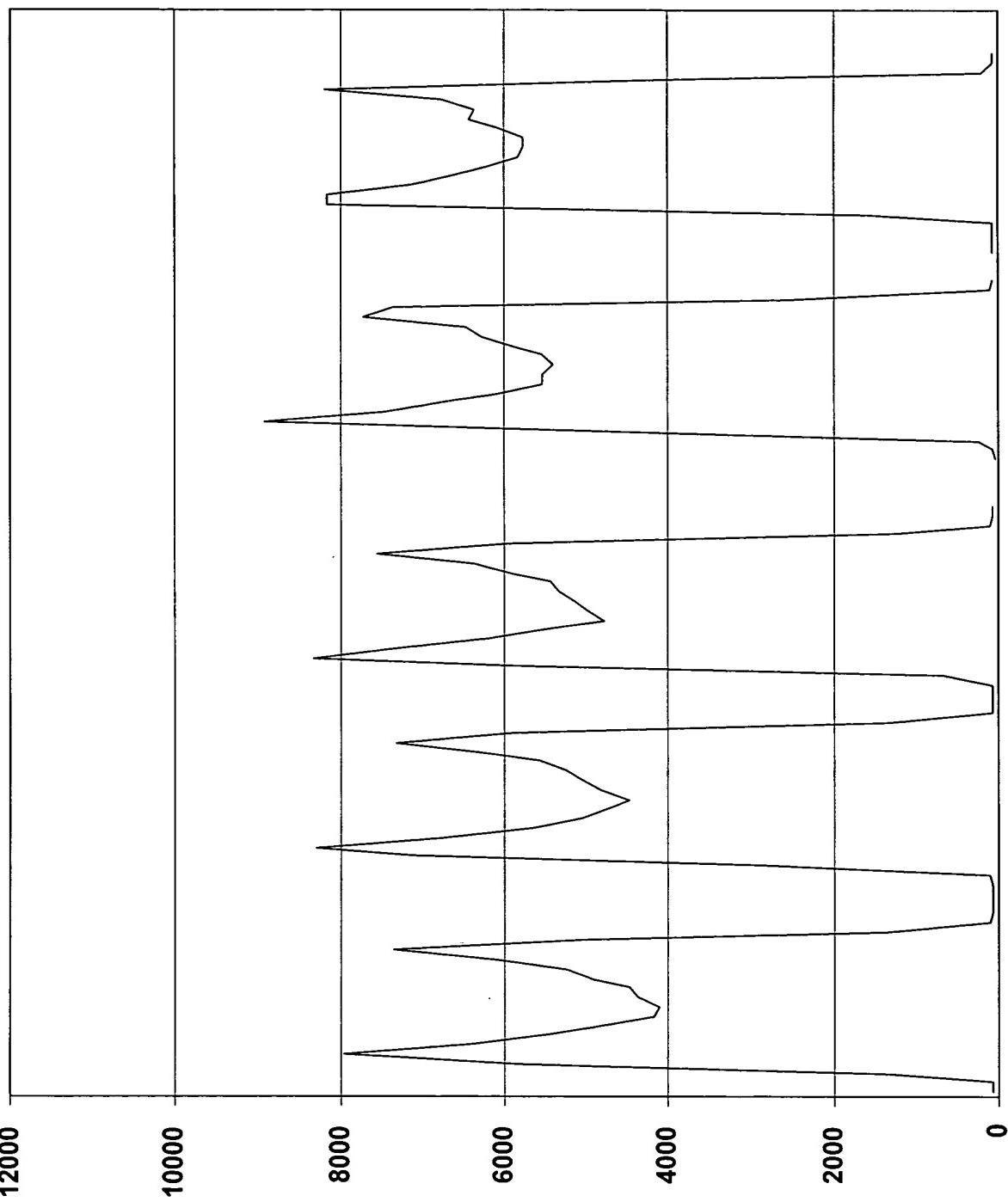
**FIG. 3D**



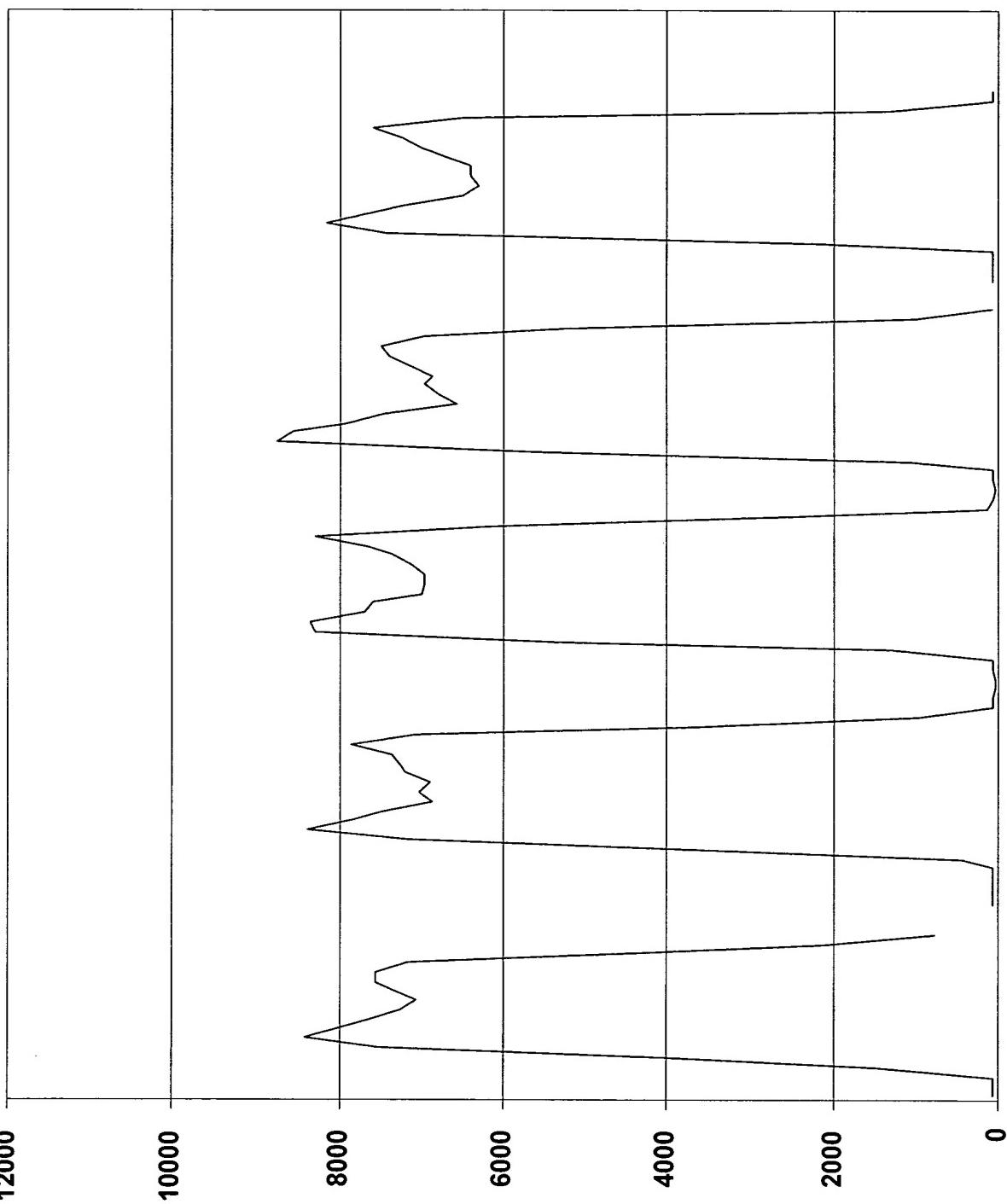
**FIG. 4A**



**FIG. 4B**



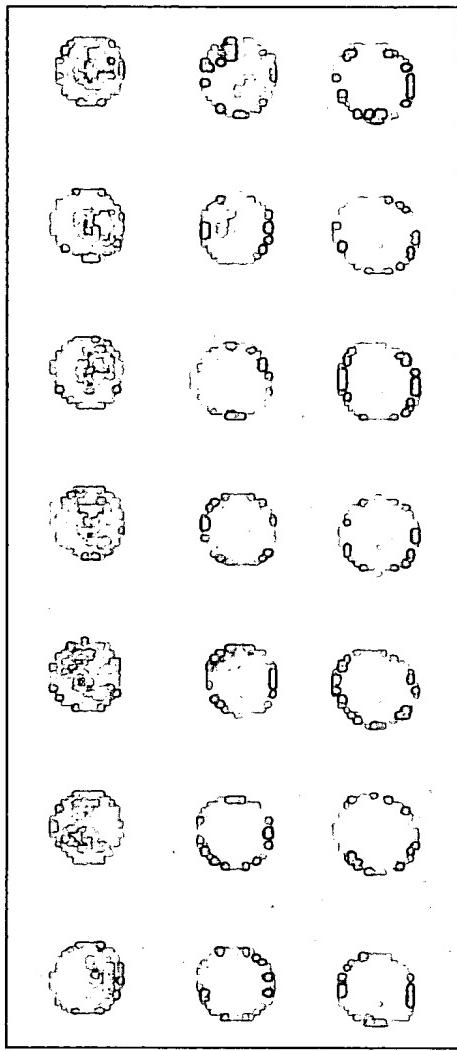
**FIG. 4C**



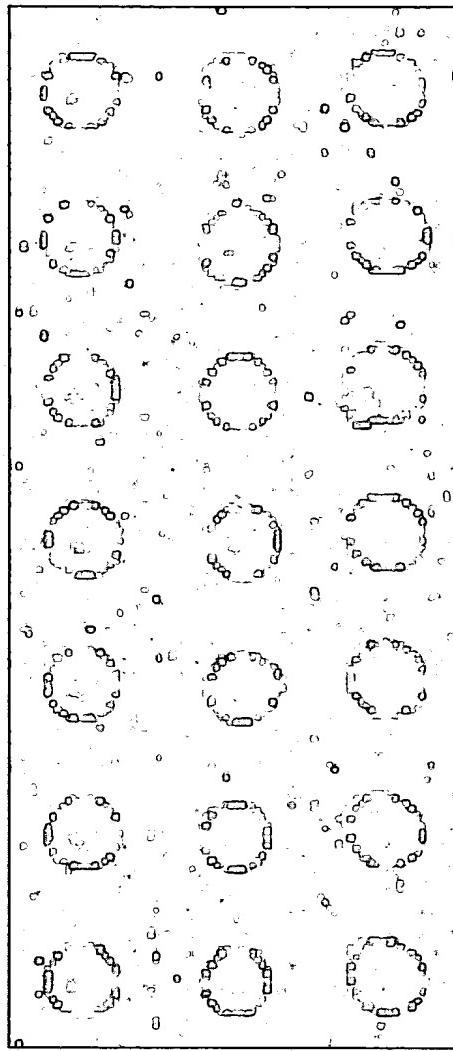
**FIG. 4D**

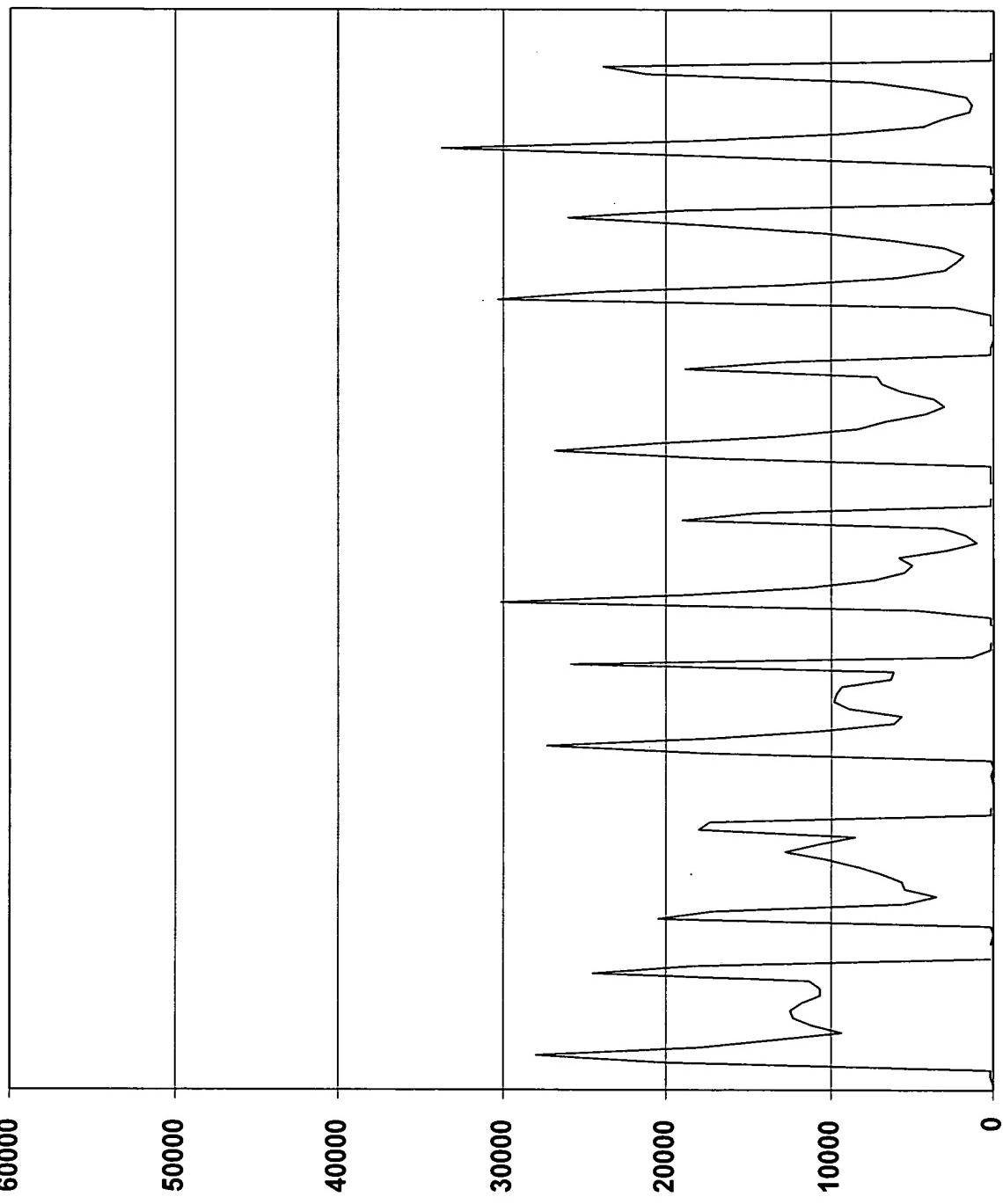
FIG. 5

NC30 Oligo - Bound Oligo Density

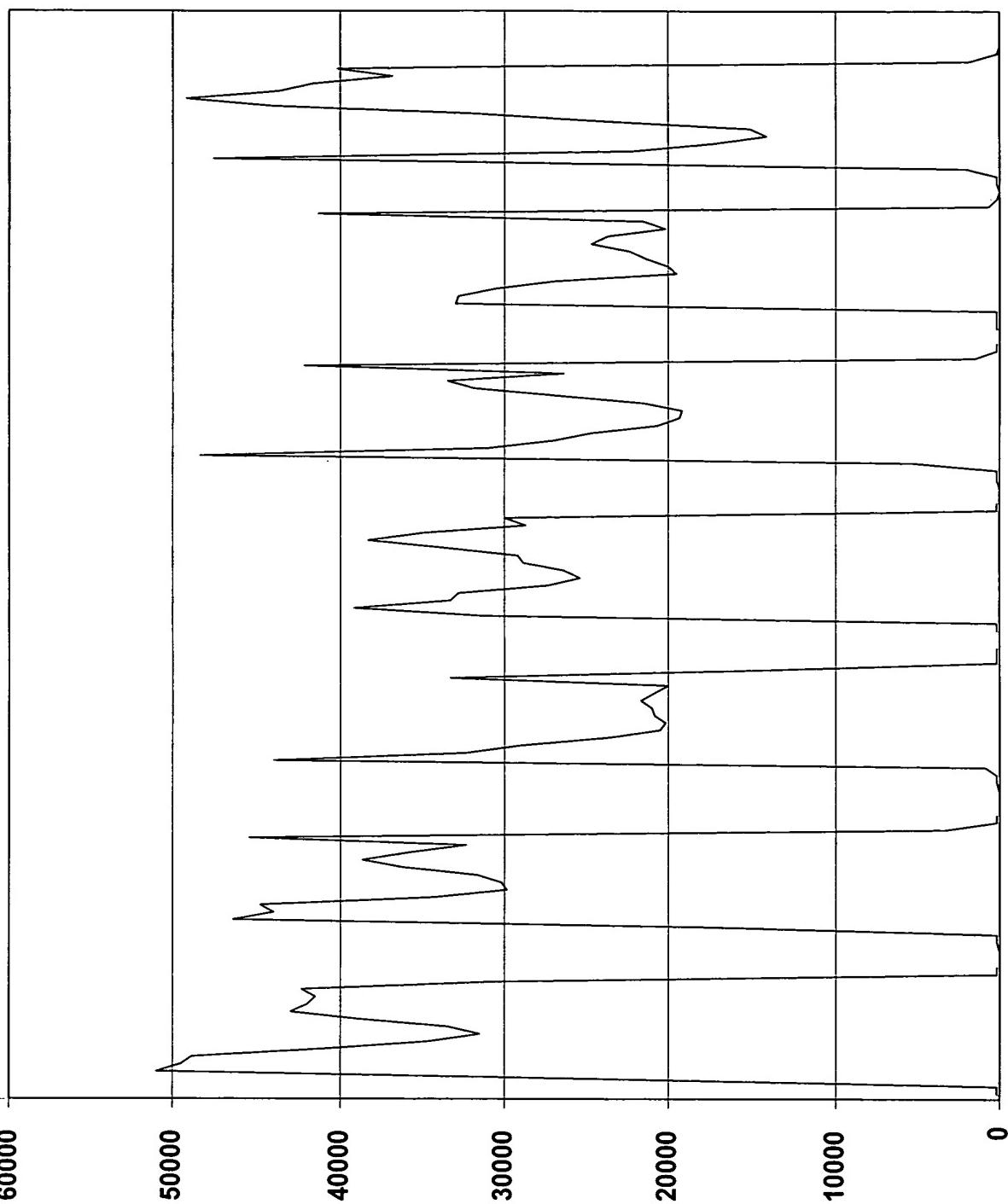


E009 Oligo - Hybridization Signal

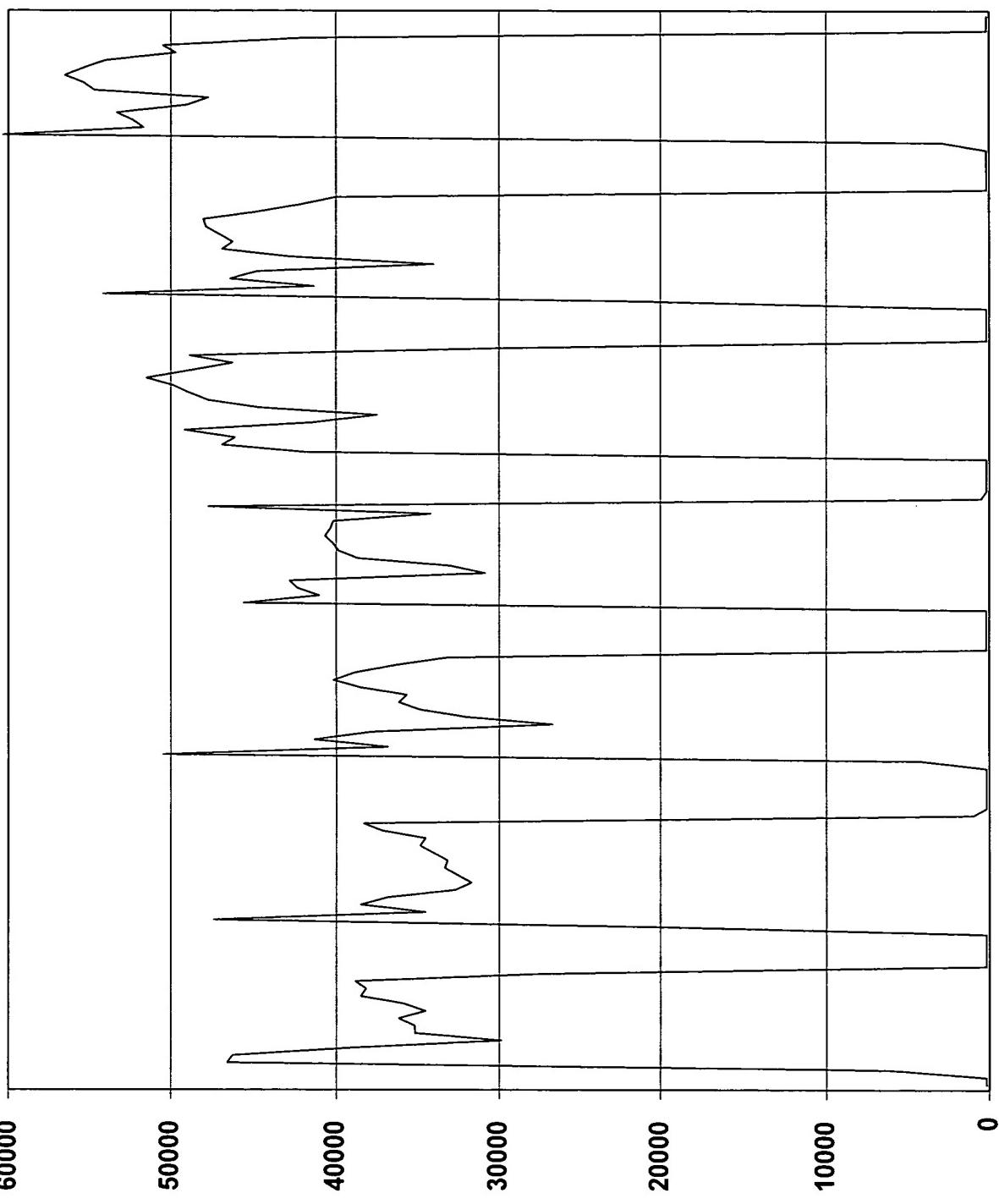




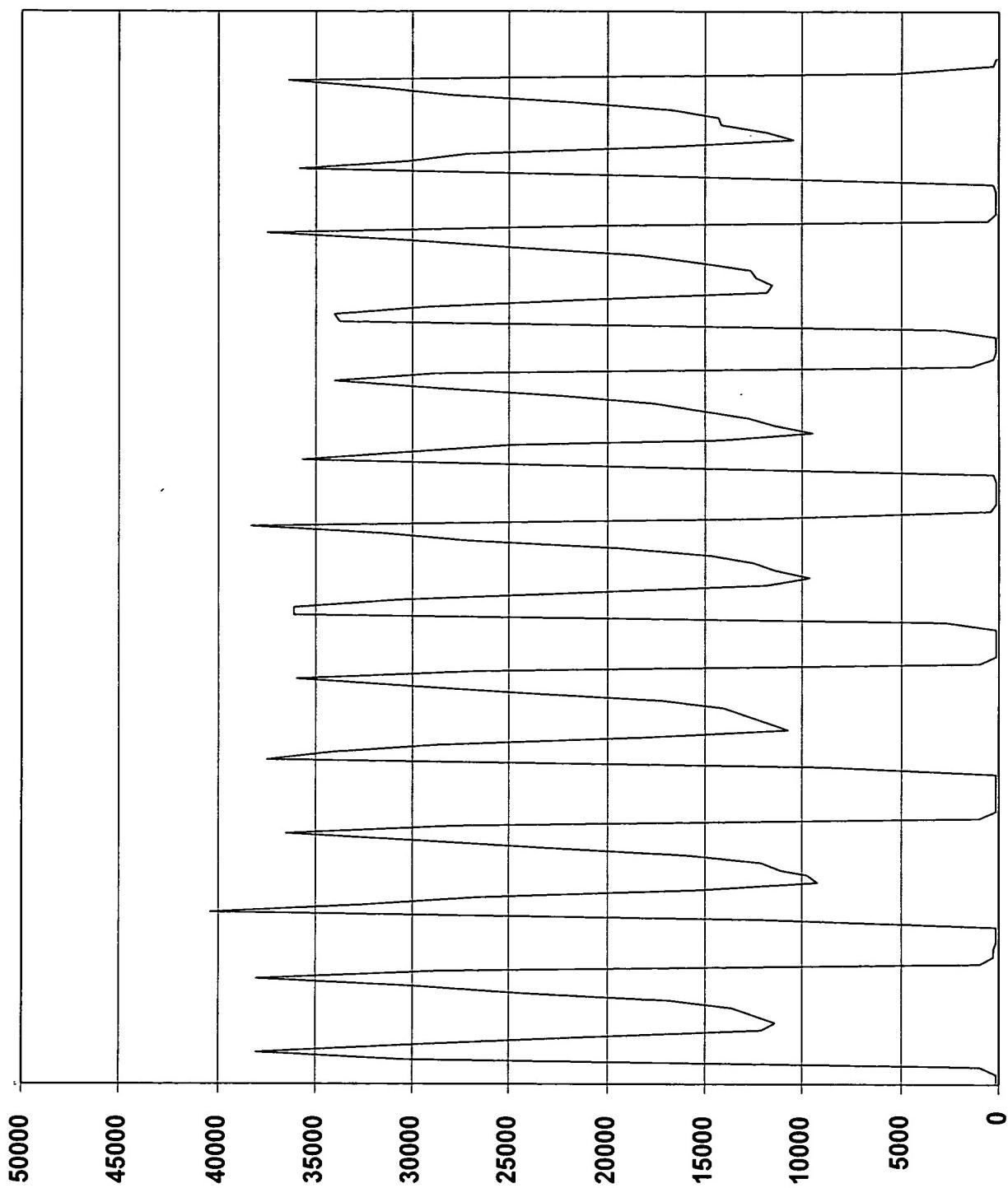
**FIG. 6A**



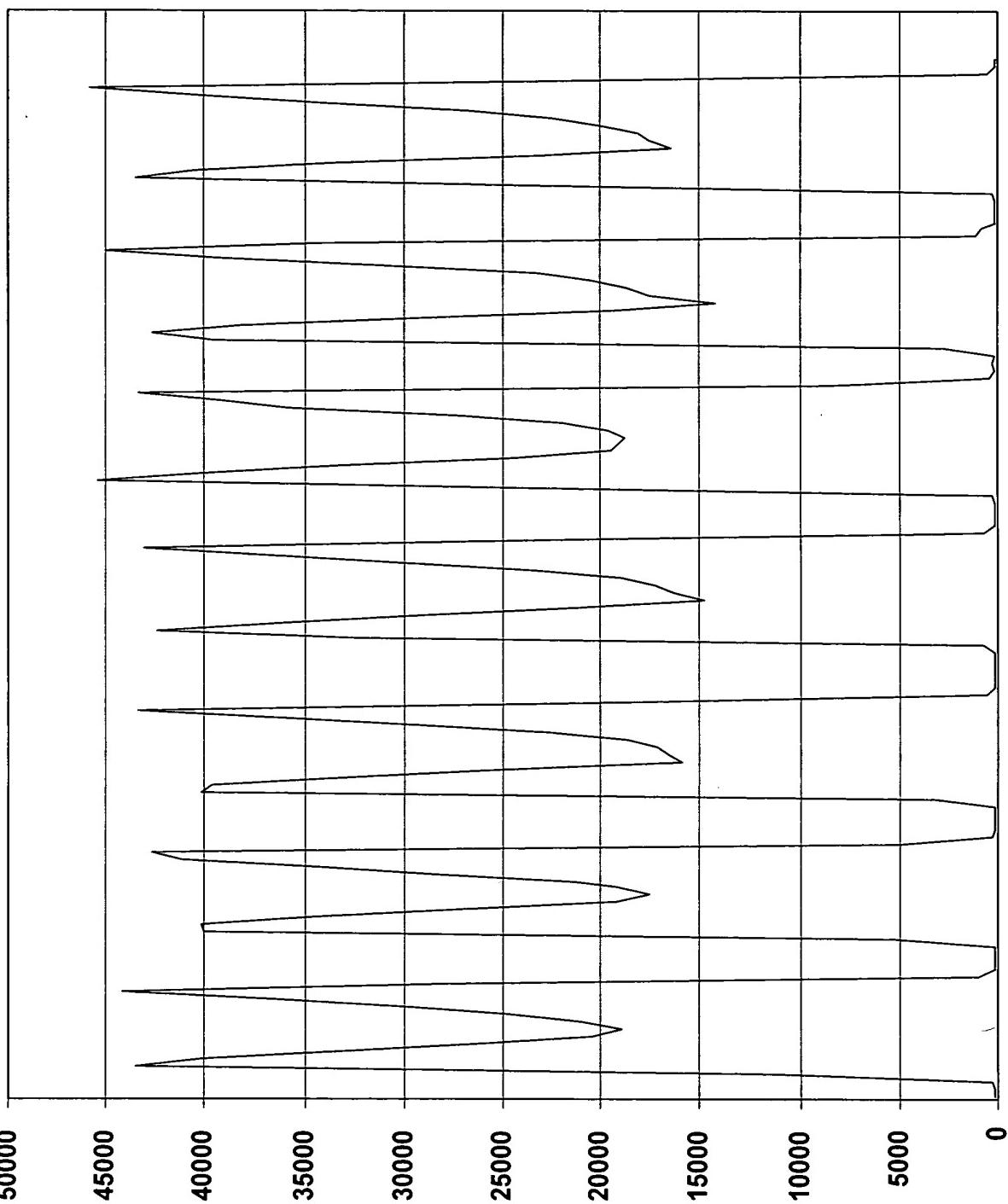
**FIG. 6B**



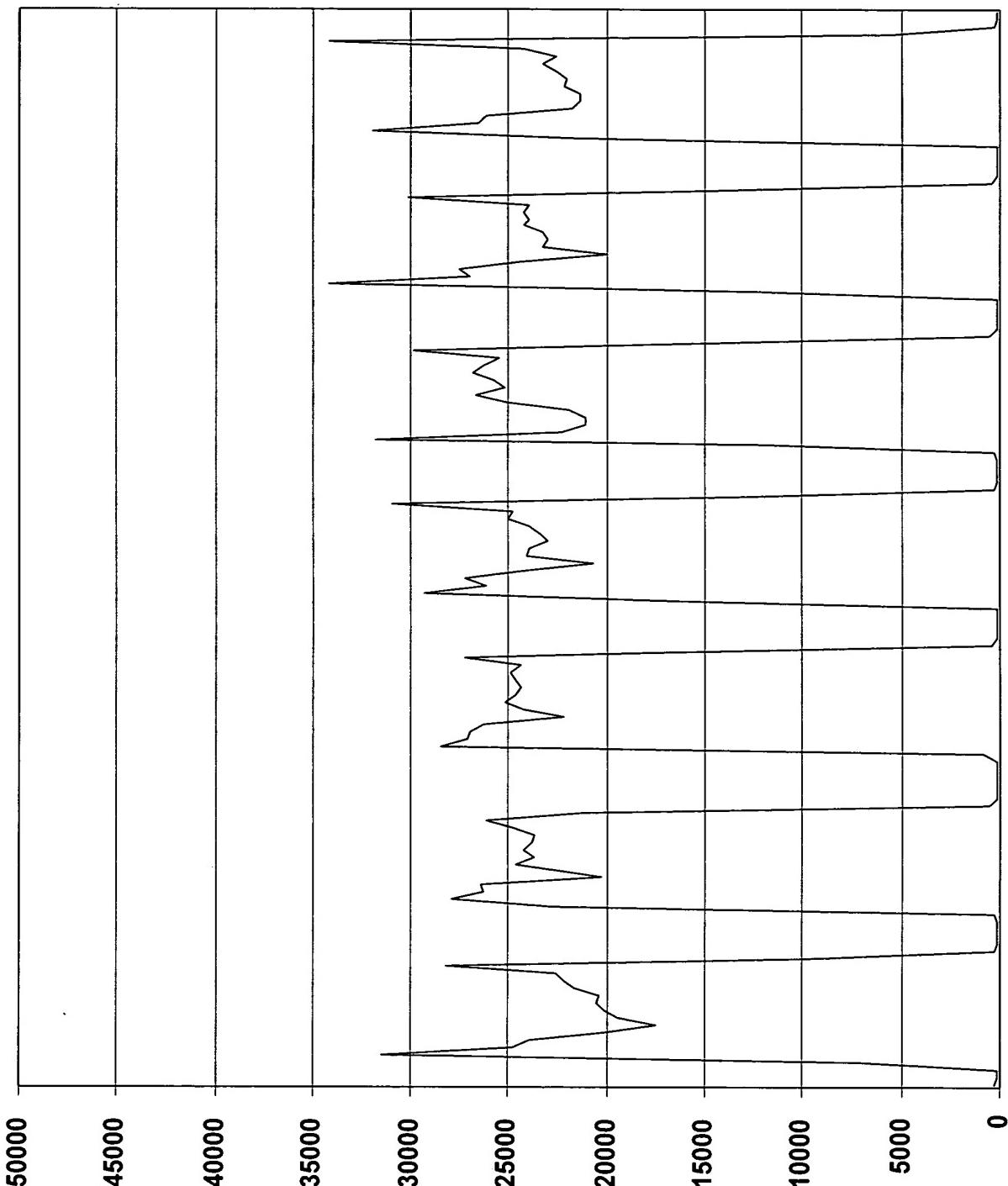
**FIG. 6C**



**FIG. 7A**



**FIG. 7B**

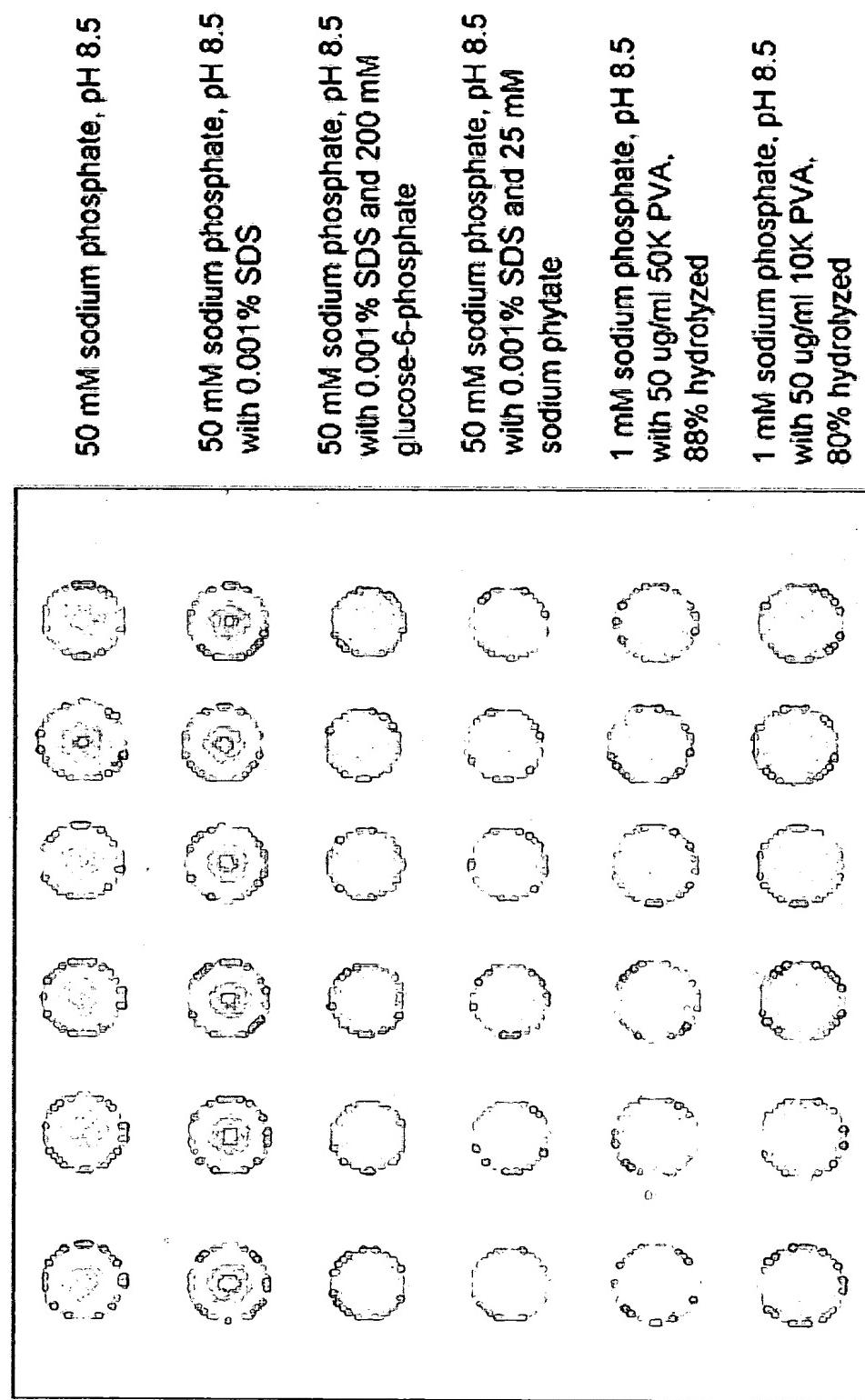


**FIG. 7C**

**FIG. 8A**

**RN 103**

Inventor: OPPERMAN ET AL.  
Docket No.: 13288.29US01  
Title: ARRAY PRINT BUFFERS  
Attorney Name: MARK T. SKOOG  
Phone No.: 612.371.5240  
Sheet 21 of 25



BN30

FIG. 8B

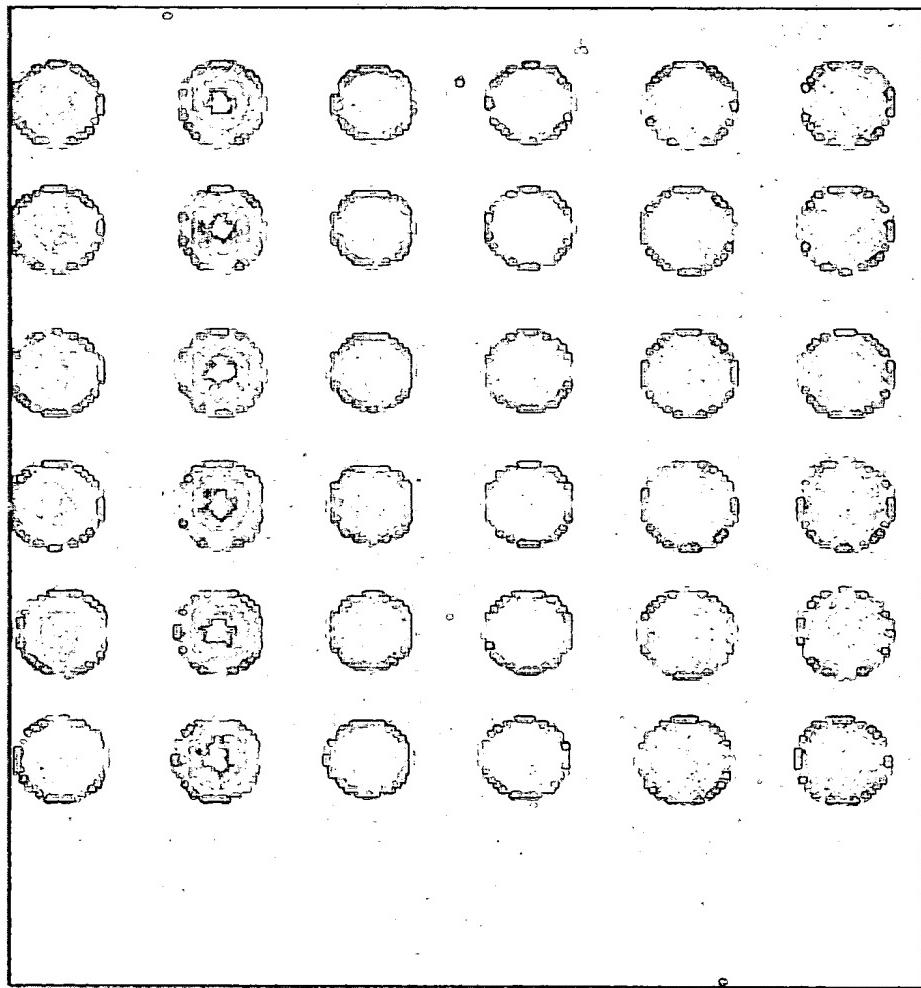


FIG. 8C

5N009

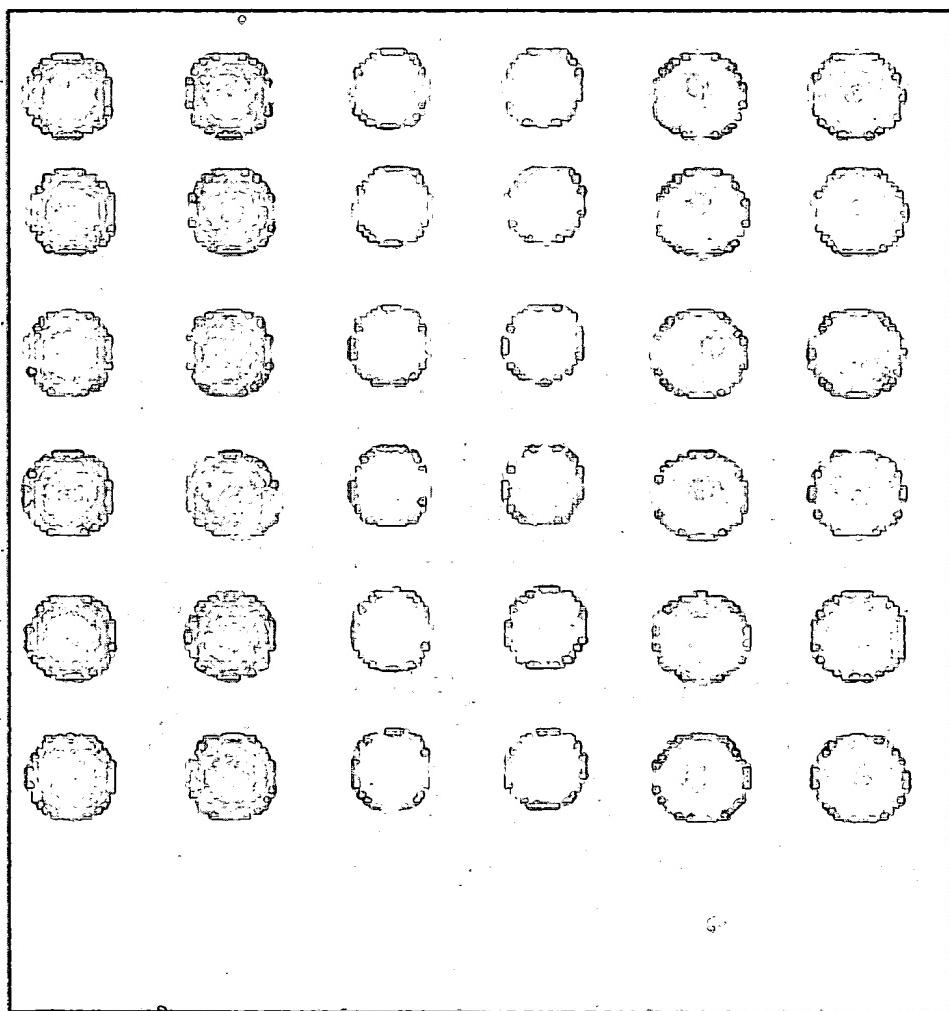


FIG. 8D

5N021

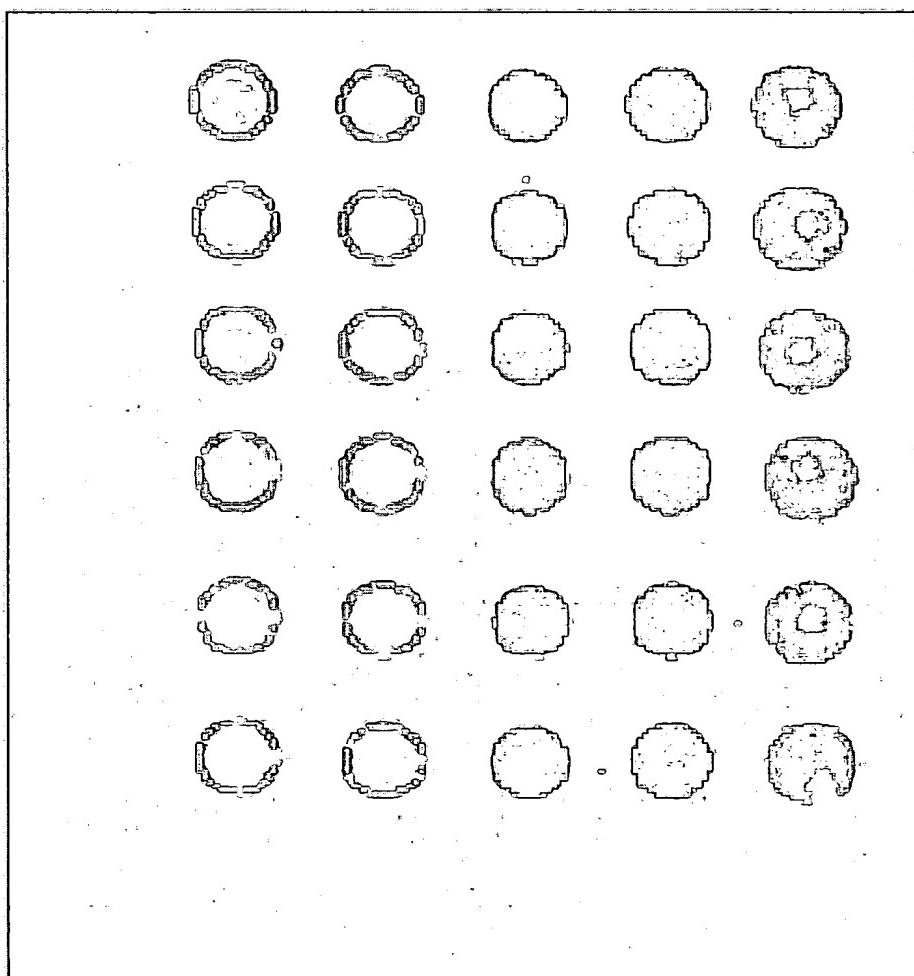


FIG. 8E

5N041

